

इंटरनेट

मानक

### Disclosure to Promote the Right To Information

Whereas the Parliament of India has set out to provide a practical regime of right to information for citizens to secure access to information under the control of public authorities, in order to promote transparency and accountability in the working of every public authority, and whereas the attached publication of the Bureau of Indian Standards is of particular interest to the public, particularly disadvantaged communities and those engaged in the pursuit of education and knowledge, the attached public safety standard is made available to promote the timely dissemination of this information in an accurate manner to the public.

“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 9145 (1979): Dilator, Rectal, Hegar's Pattern [MHD 1: Surgical Instruments]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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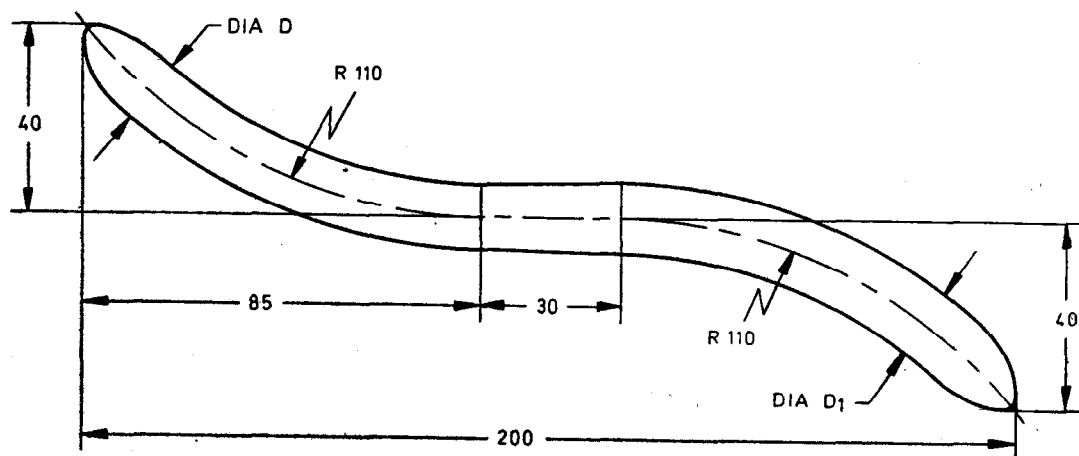




Indian Standard  
**SPECIFICATION FOR  
DILATOR, RECTAL, HEGAR'S PATTERN**

**1. Scope** — Dimensional and other requirements for Hegar's pattern rectal dilator used in general and paediatric surgery.

**2. Shape and Dimensions** — As shown in Fig. 1.



DIA D 2 to 24 in steps of 2.

DIA D<sub>1</sub> 3 to 25 in steps of 2.

All dimensions in millimetres.

FIG. 1 DILATORS, RECTAL, HEGAR'S PATTERN

**2.1** Deviation of  $\pm 2.5$  percent shall be allowed on all dimensions.

**3. Material** — Stainless steel conforming to Designation 20Cr13 or 30Cr13 of IS : 6603-1972 'Specification for stainless steel bars and flats'.

**4. Workmanship and Finish**

**4.1** The dilator shall be forged in one piece and shall be free from pits, burrs, cracks, scales and other surface defects.

**4.2** The dilator shall be polished to give bright or matt finish and passivated.

**5. Heat Treatment** — The dilator shall be hardened and tempered to give a hardness of 380 to 430 HV.

**6. Corrosion Resistance Test** — The dilator shall show no sign of corrosion when put to boiling and autoclaving test in accordance with IS : 7531-1975 'Method for boiling and autoclaving test for corrosion resistance of stainless steel surgical instruments'.

**7. Marking** — Each dilator shall be clearly and indelibly marked with the following:

- a) Manufacturer's name, initials or recognized trade-mark;
- b) Words 'Stainless Steel' or letters 'SS'; and
- c) Size.

**7.1 ISI Certification Marking** — Details available with the Indian Standards Institution.

**8. Packing** — As agreed to between the purchaser and the supplier.